

ASSIGNMENT

WHEREAS, I/we Sarnoff Corporation (hereinafter referred to as ASSIGNOR) have invented certain inventions relating to Methods and Devices Using High High Efficiency Alkaline Earth Metal Thiogallate-Based Phosphors and for which we have executed an application for a United States Patent entitled:

**METHODS AND DEVICES USING HIGH EFFICIENCY ALKALINE EARTH METAL
THIOGALLATE-BASED PHOSPHORS**

- ☒ which is attached hereto
- ☐ which was filed on: XXX
- ☒ which is identified by Dechert Attorney Docket No.: SAR 14916XXX
- ☐ which was assigned Application Serial No.:
and was amended on: (if applicable)

I hereby authorize any attorney associated with Customer No. 40562 to insert the Application Serial No. associated with the above identified application once it is assigned by the U.S. Patent & Trademark Office.

WHEREAS, Sarnoff Corporation, a STATE company having a place of business at 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 and Stanley Electric Co. Ltd., a Japanese Company having a place of business at 2-9-13 Nakameguro, Meguro-ku, Tokyo 153-8626, Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire interest in, to and under said inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE of valuable consideration to ASSIGNOR, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE and the successors, assigns and legal representatives of the ASSIGNEE all of ASSIGNOR'S right, title and interest in and to said inventions and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and all of ASSIGNOR'S right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries, and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions, renewals, and reexaminations thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

ASSIGNOR requests that any and all patents for said inventions be issued to said ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

ASSIGNOR authorizes and empowers the said ASSIGNEE, its successors, assigns and legal representatives to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from ASSIGNOR.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said ASSIGNEE, its successors, assigns, and legal representatives, to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

ASSIGNOR agrees that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions, renewals, and reexamination thereof and any legal equivalent thereof in a foreign country, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings and any legal equivalent thereof in a foreign country; communicate to said ASSIGNEE, its successors, assigns, and legal representatives, all facts known to the ASSIGNOR relating to said inventions and the history thereof; and generally do everything possible which said ASSIGNEE, its successors, assigns or legal representatives, shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents on said inventions in said ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR covenants with said ASSIGNEE, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that ASSIGNOR has full right to convey the same as herein expressed.

Signed at Princeton, NJ USA
(City, Province or state, country)

Yongchi Tian
Tian, Yongchi

3/30/04
(Date)

WITNESS:

Joan Sanders
(Please Print Name)

[Signature]
(Signature)

3/30/04
(Date)

WITNESS:

(Please Print Name)

(Signature)

(Date)

Signed at _____

(City, Province or state, country)

Diane Zarembo
Zarembo, Diane

3-22-04
(Date)

WITNESS:

Glenn Thomas
(Please Print Name)

Glenn Thomas
(Signature)

3-22-04
(Date)

WITNESS:

(Please Print Name)

(Signature)

(Date)

Signed at _____

(City, Province or state, country)

Perry Niel Yocom
Yocom, Perry Niel

3/24/04
(Date)

WITNESS:

Joan Sanders
(Please Print Name)

Joan Sanders
(Signature)

3/24/04
(Date)

WITNESS:

(Please Print Name)

(Signature)

(Date)